

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A laminated sheet for molding comprising: a film layer which comprises thermoplastic acrylic resin wherein the film layer is one of transparent or translucent; an intermediate layer which comprises a curable resin including at least one polyisocyanate compound and an acrylic resin having hydroxyl groups, wherein the curable resin is a cured material in a semi-cured state; and a decorative layer having a mirror metallic luster, wherein the decorative layer comprises a binder resin and fine metal grains having a diameter of 5 to 25 μm obtained from a thin metal film; wherein the layers are laminated in the order stated.

Claim 2 (original): The laminated sheet for molding according to claim 1, wherein the curable resin includes the polyisocyanate compound and the acrylic resin having hydroxyl groups; the acrylic resin having hydroxyl groups has a glass transition temperature of 70 to 120 °C, a hydroxyl value of 10 to 100, and a weight average molecular weight of 10,000 to 200,000; isocyanato groups included in the polyisocyanate compound are in the range of 0.1 to 1.0 equivalent per 1 equivalent of hydroxyl groups in the acrylic resin having hydroxyl groups, and the cured material in a semi-cured state contains remaining unreacted hydroxyl groups and unreacted isocyanato groups.

Claim 3 (original): The laminated sheet for molding according to claim 1, wherein the decorative layer is a dried film of a gravure ink including a binder resin and fine metal grains obtained from a thin metal film.

Claim 4 (original): The laminated sheet for molding according to claim 1, wherein a substrate layer comprising a thermoplastic resin is further provided on one surface of the decorative layer wherein the intermediate layer is provided on the other surface.

Claim 5 (original): The laminated sheet for molding according to claim 1, wherein the semi-cured state is a state in which the reaction rate of isocyanato groups of the polyisocyanate compound determined by an infrared spectrophotometer is 50 to 80% with respect to a reaction between isocyanato groups in the isocyanate compound and hydroxyl groups in the acrylic resin having hydroxyl groups.

Claim 6 (original): The laminated sheet for molding according to claim 1, wherein the softening point of the acrylic resin of the film layer is in the range of 60 to 300°C.

Claim 7 (original): The laminated sheet for molding according to claim 2, wherein the hydroxyl value of the acrylic resin having hydroxyl groups is 40 to 100.

Claim 8 (original): The laminated sheet for molding according to claim 1, wherein the polyisocyanate compound has two or more isocyanato groups on average in one molecule and has a number average molecular weight of 10,000 or less.

Claim 9 (original): The laminated sheet for molding according to claim 1, wherein the thickness of the intermediate layer is 0.1 to 10 μm .

Claim 10 (original): The laminated sheet for molding according to claim 1, wherein the decorative layer is a layer wherein the content of fine metal grains based on nonvolatile content included in an ink is 10 to 60% by mass.

Claim 11 (currently amended): The laminated sheet for molding according to claim 1, wherein
the fine metal grains are grains obtained from a vapor deposited metal thin film of at least one selected from a group consisting of aluminum, gold, silver, copper, titanium, chromium and nickel, [and obtained] or grains selected from a group consisting of grains of brass, grains of nickel chrome and grains of stainless steel.

Claim 12 (currently amended): The laminated sheet for molding according to claim 1, wherein the thickness of the fine metal grains obtained from a thin metal film is 0.01 to 0.1 μm , and the diameter thereof is ~~5 to 25 μm~~ 10 to 15 μm .

Claim 13 (original): The laminated sheet for molding according to claim 1, wherein the film thickness of the decorative layer is 0.05 to 3 μm .

Claim 14 (previously presented): A production method of a laminated sheet for molding comprising:

a first step wherein a curable resin including at least one polyisocyanate compound and an acrylic resin having hydroxyl groups is applied to a thermoplastic acrylic resin film which is one of transparent or translucent;

a second step wherein a coating film obtained by the application in the first step is semi-cured at a temperature of 50 °C or less to form an intermediate layer in a semi-cured state; and a third step wherein a gravure ink including a binder resin and fine metal grains obtained from a thin metal film is printed on the intermediate layer in a semi-cured state obtained in the second step to form a decorative layer with a mirror metallic luster.